



SAFETY DATA SHEET

SECTION 1 - PRODUCT & COMPANY IDENTIFICATION

Product name: DistilaZyme BG
Description: Beta glucanase
Product use: For use in the production of distilled beverages
Supplier name and address: Lallemand Biofuels & Distilled Spirits
 6120 West Douglas Avenue
 Milwaukee, WI 53218
Information telephone: 1 (414) 393-0410
Emergency telephone: Contact your local doctor or hospital

SECTION 2- HAZARD IDENTIFICATION

Classification: **Classification according to Regulation (EC) 1272/2008 (CLP)**
 Hazard class: Respiratory sensitizer
 Hazard category: 1
 Hazard statement: H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Label elements

Labelling according to regulation (EC) No. 1272/2008 (CLP)

Signal Word: Danger



Hazard Statements: H334 – May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary Statements:
 P261 – Avoid Breathing vapors or sprays
 P284 – Wear respiratory protection
 P304 and P340 – IF INHALED: Remove person to fresh air
 P342 and P311 – If experiencing symptoms seek medical attention
 P501: Dispose of contents in accordance with local, state or national legislation

Other hazards Not known

SECTION 3– DATA ON COMPONENTS

Ingredients	CAS #	w/w %	EC No	CLP Classification
Beta glucanase	62213-14-3	1-15 %	263-462-4	Resp.Sens 1 (H334)



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SECTION 4– FIRST AID MEASURES (If any symptoms persist, seek medical attention)

Emergency and First aid procedures

Eye contact:	Flush eyes for at least 15-20 minutes. Remove contact lenses. Seek medical attention immediately
Skin contact:	Wash affected area with soap and water. Seek medical attention or advice if irritation persists
Inhalation:	Immediately remove person to fresh air. If allergic respiratory reaction or signs of toxicity occurs seek medical attention.
Ingestion:	Rinse mouth thoroughly with water. If swallowed call a poison center or doctor if you feel unwell

Most important symptoms and effects both acute and delayed.

Breathing difficulties. May cause allergy or asthma symptoms or breathing difficulties if inhaled

Indication of any immediate medical attention and special treatment needed:

Treat symptomatically. If seeking medical attention provide SDS document to physician.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing media:	Alcohol-resistant foam, fire extinguishing powder or water spray
Protective equipment:	Wear protective clothing and self-contained breathing apparatus
Hazardous combustion products:	None identified
Firefighting:	Fire fighters should wear complete protective clothing including self-contained breathing apparatus

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, equipment and procedures:	Wear protective equipment. Avoid contact with skin and eyes. Avoid breathing vapors, mists or gas. Avoid generation of aerosols. Ensure adequate ventilation
Environmental precautions:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains
Method and materials for containment and cleaning up:	Contain and control spills with absorbent inert material, place absorbents in suitable containers for disposal according to local regulations.

SECTION 7– HANDLING & STORAGE

Handling:	Avoid contact with skin and eyes. Wear protective equipment. Wash thoroughly after handling. Avoid inhalation of vapor or mist
Storage:	Keep container tightly closed in dry and well-ventilated place. Protect from light and store in the original container

SECTION 8– EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:	Occupational exposure limits not determined
Engineering Controls:	Emergency eye wash fountains or safety showers should be available in the immediate vicinity of use/handling. Ensure good ventilation
Skin Protection:	Wear latex or other impervious gloves
Eye Protection:	Safety glasses with side shields or goggles
Respiratory Protection:	An approved NIOSH respirator should be worn when exposures are expected to be high.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Brown colored liquid
Odor:	Slight fermentation odor.
Density:	Typical 1.15 @ 20°C
pH:	No data available
Melting point/Freezing point:	No data available
Oxidizing properties:	No data available
Solubility in water:	Soluble



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SECTION 10– STABILITY AND REACTIVITY

Reactivity:	None anticipated
Incompatible materials	No data available
Conditions to avoid:	No data available
Chemical stability	Stable under normal conditions
Hazardous decomposition products:	No data available

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicological information

Acute Toxicity data:	Not classified
Local effects:	May cause mild eye and skin irritation
Sensitization:	May cause sensitization
Ingestion	No data available
Health effects delayed:	In certain cases, respiratory distress may only appear after an extended period of time/several hours

SECTION 12 ECOLOGICAL INFORMATION

Toxicity to fish:	Not classified
Toxicity to aquatic invertebrates	Not classified
Persistence and degradability:	Not known
Bio-accumulation potential	Not known
Mobility in soil	Not known

SECTION 13– DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with Federal, State/Provincial and local regulations

SECTION 14 – TRANSPORT INFORMATION

Transportation by road (DOT/TDG): not a regulated product
 Transportation by sea (International Maritime Code for Dangerous Goods): not a regulated product
 Transportation by air (International Air Transport Association): not a regulated product

SECTION 15 – REGULATORY INFORMATION

TSCA (Toxic Substances Control Act): Substance not listed
 California Proposition 65: Substance not listed
 NIOSH-Ca (National Institute for Occupational Safety and Health): Substance not listed

SECTION XVI – OTHER INFORMATION

SDS Date of Preparation: January 2022

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